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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/841,834	04/25/2001	Olga Kapitskaia	2000-0255	5821

7590 06/06/2003
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EXAMINER

CORRIELUS, JEAN M

ART UNIT	PAPER NUMBER
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2172

10

DATE MAILED: 06/06/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/841,834

Applicant(s)

KAPITSKAIA ET AL.

Examiner

Jean M Corrielus

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 25 April 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-12 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-12 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

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DETAILED ACTION

1. This office action is in response to the application filed on April 25, 2001, in which claims 1-12 are presented for examination.

Drawings

2. Applicants are required to furnish the formal drawings in response this office action. No new matter may be introduced in the required drawing. Failure to timely submit a drawing will result in ABANDONMENT of the application

Related Applications

3. The applicant is advised to provide the serial numbers and the statuses of the patent applications cited in the "Cross Reference to the Other Applications" section in page 2 of the specification.

Claim Rejections - 35 U.S.C. § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

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The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) do not apply to the examination of this application as the application being examined was not (1) filed on or after November 29, 2000, or (2) voluntarily published under 35 U.S.C. 122(b). Therefore, this application is examined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

5. Claims 1-12 are rejected under 35 U.S.C. 102(e) as being anticipated by schneck et al (hereinafter "Schneck") US Patent no. 6,208,986.

As to claim 1, Schneck discloses the claimed "receiving and storing a plurality of user queries" as a means for receiving at least one information request (col.2, lines 52-53); "creating a query template that generalizes the user queries" as a means for creating a template base on the query requested (col.2, lines 53-57); and "receiving directory entries answering the query template so that the directory entries can be stored in the cache" a template file is dynamically created a response to the directory request and publishing the response and store the result in created custom directory information (col.2, lines 38-57; col.4, lines 10-25).

As to claim 2, Schneck discloses the claimed "wherein the directory entries are retrieved after estimating benefits of storing the directory entries in the cache" (col.4, line 25-col.15, line 65).

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As to claim 3, Schneck discloses the claimed “wherein the query template is stored and modified as new user queries are received”(col.4, line 25-col.15, line 65).

As to claim 4, Schneck discloses the claimed “wherein the network directory cache utilizes the lightweight directory Access Protocol” (col.2, lines 17-25).

As to claim 5, Schneck discloses the claimed “maintaining a plurality of candidate templates that may be used to retrieve directory entries to store in the cache”(col.4, line 25-col.15, line 65); “receiving and storing a user query” (col.2, lines 52-57); and “generating a plurality of new candidate templates that generalize the candidate templates with the user query”(col.2, lines 38-57; col.4, lines 10-25).

As to claim 6, Schneck discloses the claimed “wherein the new candidate templates are generated after estimating the benefits of storing the directory entries in the cache”(col.4, line 25-col.15, line 65).

As to claim 7, Schneck discloses the claimed “wherein the network directory cache utilizes the lightweight directory Access Protocol” (col.2, lines 17-25).

As to claim 8, Schneck discloses the claimed “maintaining a plurality of candidate templates”((col.2, lines 38-57; col.4, lines 10-25); “estimating the benefits of caching directory results answering the

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candidate templates”(col.4, line 25-col.15, line 65); and “selecting a candidate template based on it benefit estimate and retrieving directory entries answering the candidate template so that the directory entries can be stored in the cache”(col.2, lines 52-57; col.4, line 25-col.15, line 65).

As to claim 9, Schneck discloses the claimed “wherein the directory entries are retrieved to replace old directory entries in the cache”(col.2, lines 52-57; col.4, line 25-col.15, line 65).

As to claim 10, Schneck discloses the claimed “wherein the directory entries are retrieved only if the estimated benefit is greater than an estimated benefit is not greater than an estimate of benefits of old directory entries in the cache”(col.2, lines 52-57; col.4, line 25-col.15, line 65).

As to claim 11, Schneck discloses the claimed “wherein old directory entries in the cache are replaced incrementally if the estimated benefit is not greater than an estimate of benefits of old directory entries in the cache”(col.2, lines 52-57; col.4, line 25-col.15, line 65).

As to claim 12, Schneck discloses the claimed “wherein the network directory cache utilizes the Lightweight Directory Access Protocol” (col.2, lines 17-25).

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Conclusion

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. (See PTO 892).

Any inquiry concerning this communication or early communication from the Examiner should be directed to **Jean M. Corrielus** whose telephone number is (703) 306-3035. The Examiner can normally be reached on Tuesday-Friday from 7:00am to 5:30pm.

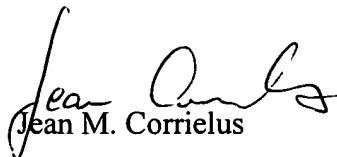
If attempts to reach the Examiner by telephone are unsuccessful, the examiner's supervisor, Kim Vu, can be reached on Monday-Friday from 9:00 a.m.-6:00 p.m. at (703)305-4393.

Any response to this action should be mailed to: Commissioner of Patents and Trademarks
Washington, D.C. 20231

or faxed to: (703) 308-9051, (for formal communications intended for entry)

Or: (703)305-9731 (for informal or draft communications, please label "PROPOSED" or "DRAFT") Hand-delivered responses should be brought to Crystal Park II, 2021 Crystal Drive, Arlington, VA., Sixth Floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application should be directed to the group receptionist whose telephone number is (703) 305-9600.


Jean M. Corrielus

Patent Examiner

May 30, 2003